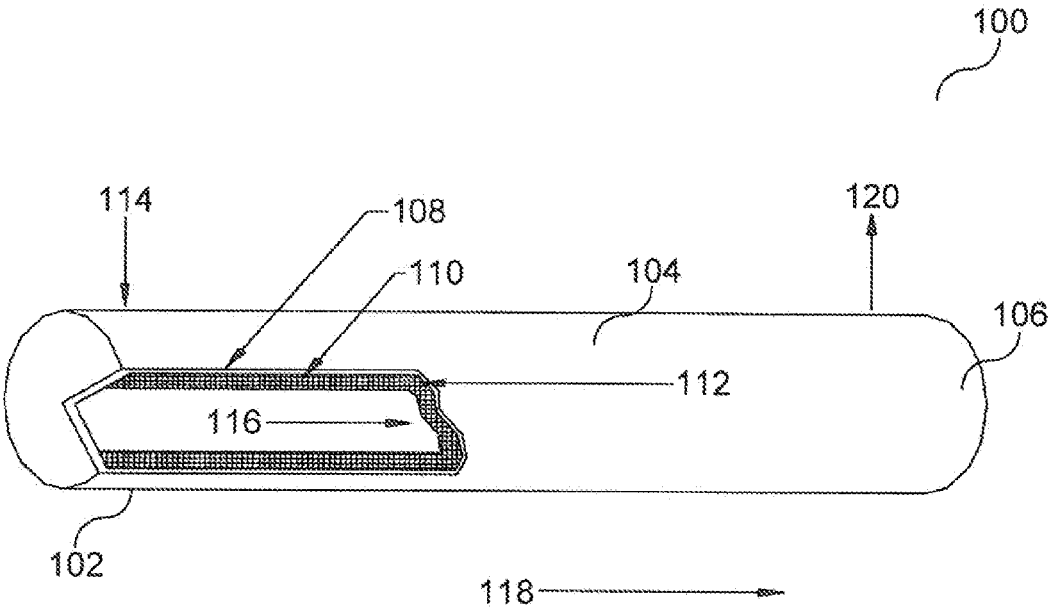
100
114
108
110
104
120
106
112
116
102
118

FIG. 1

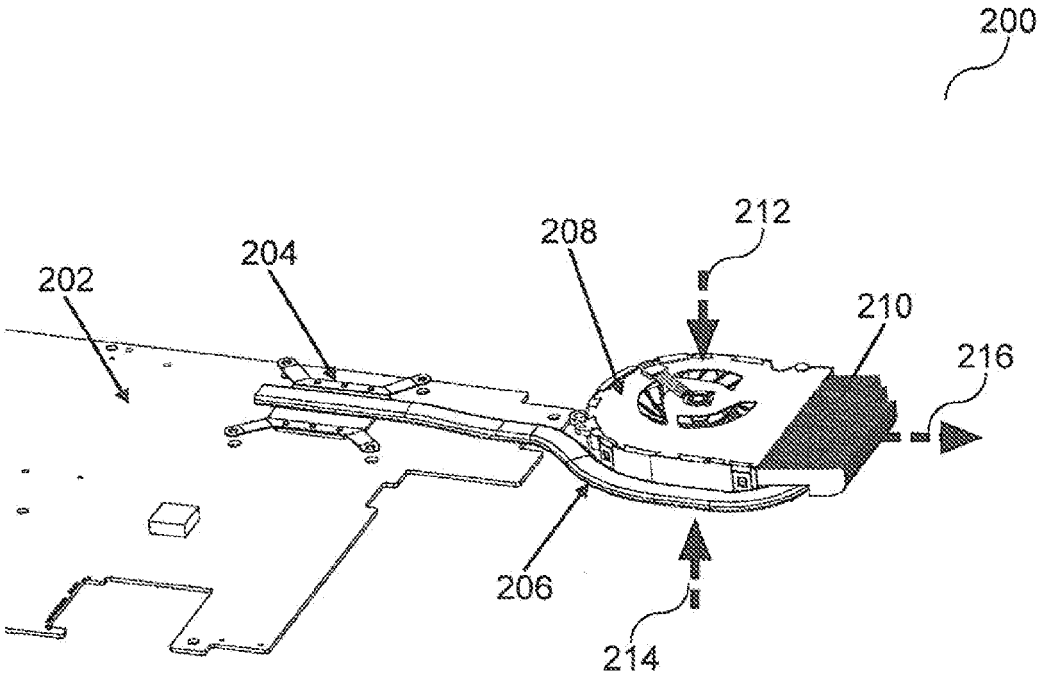
200
202
204
208
212
210
216
206
214

FIG. 2

FIG. 3A

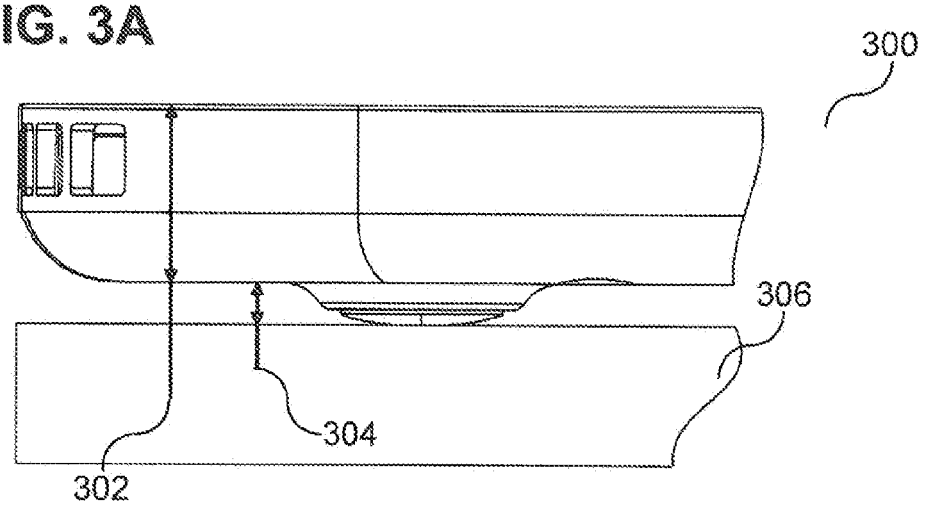

FIG. 3B

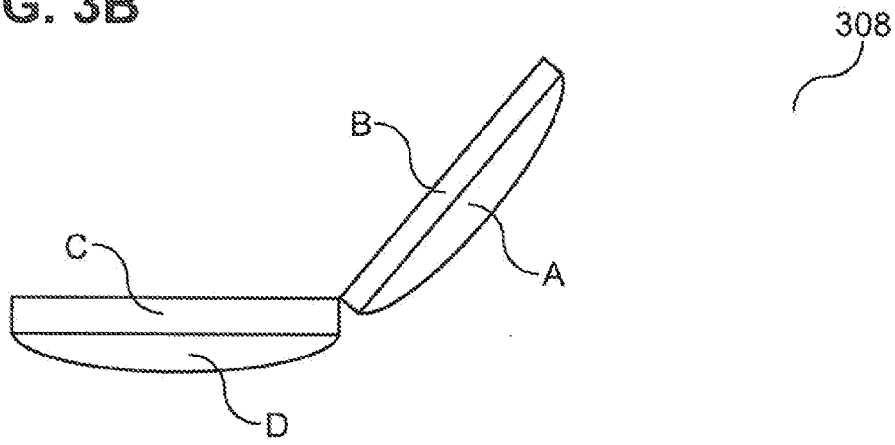

FIG. 4

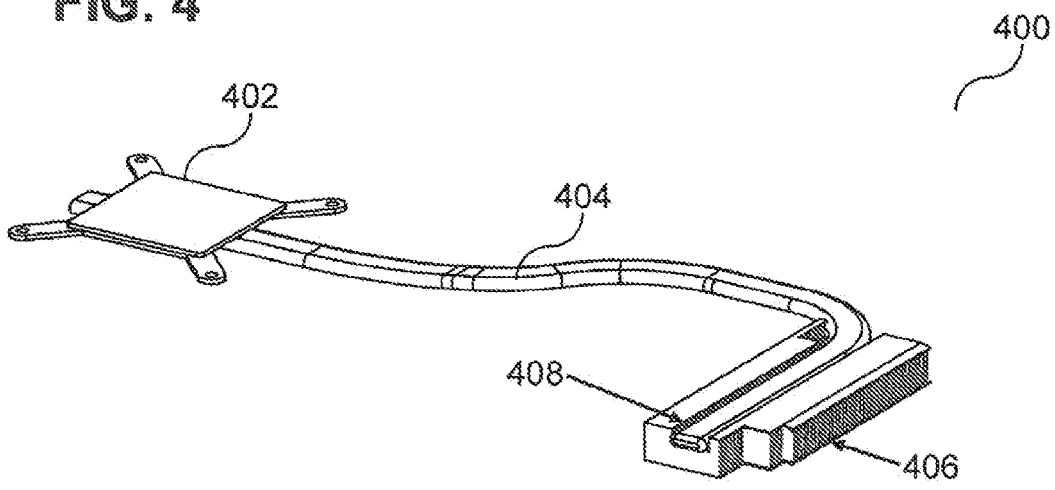

FIG. 5

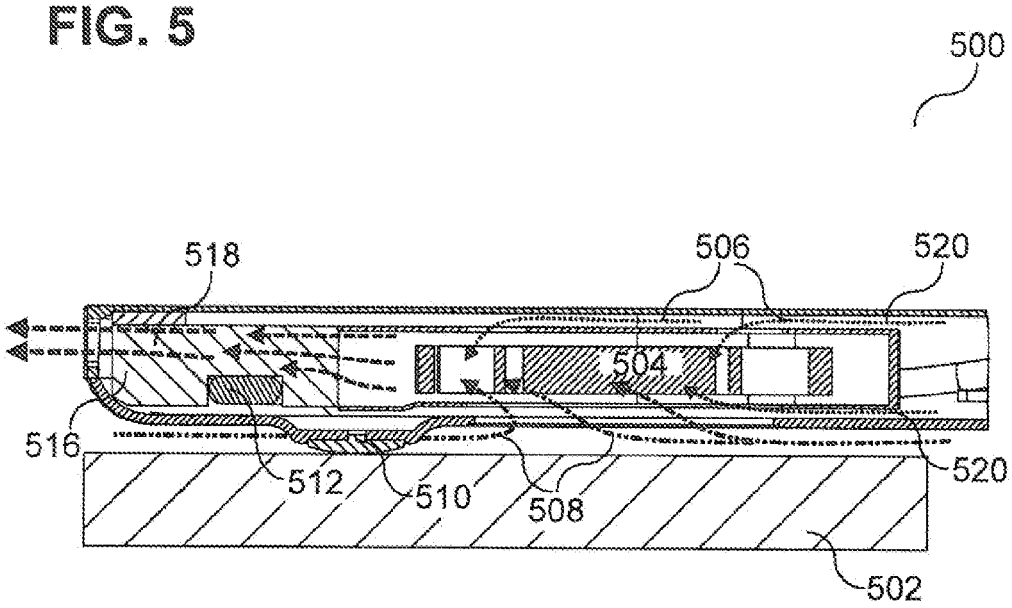
500
518
506
520
504
516
512
510
508
520
502

FIG. 6

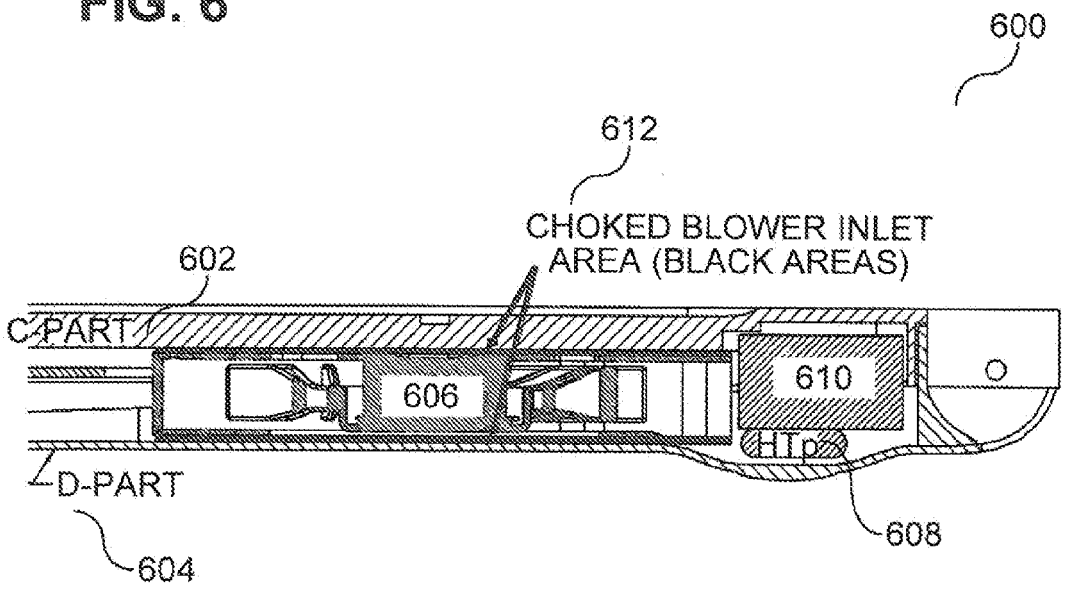
600
612
CHOKED BLOWER INLET AREA (BLACK AREAS)
602
C-PART
606
610
HTp
D-PART
604
608

FIG. 7

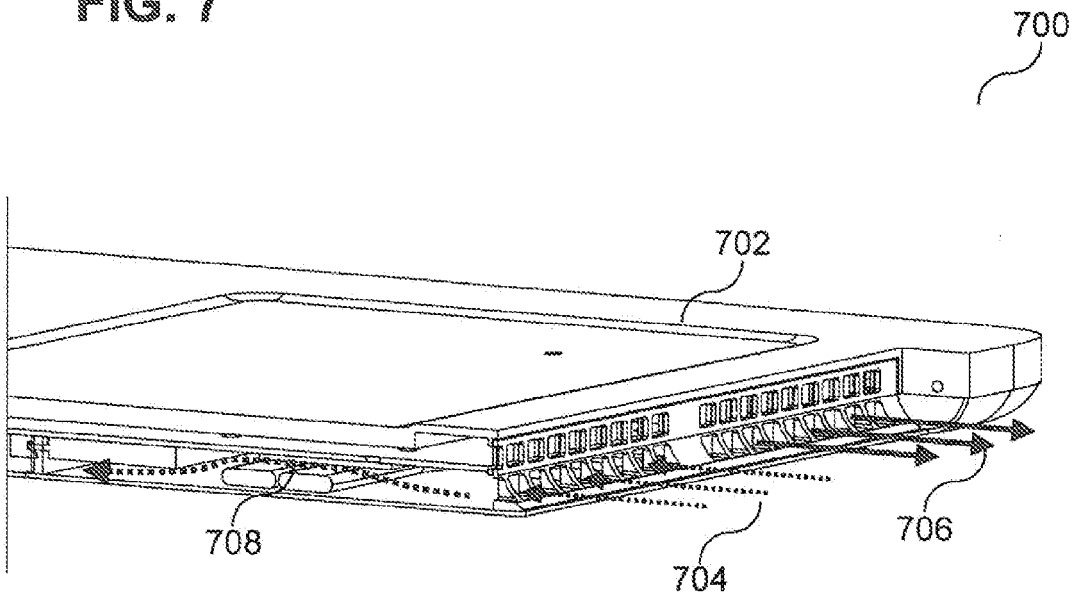
700
702
708
704
706

FIG. 8

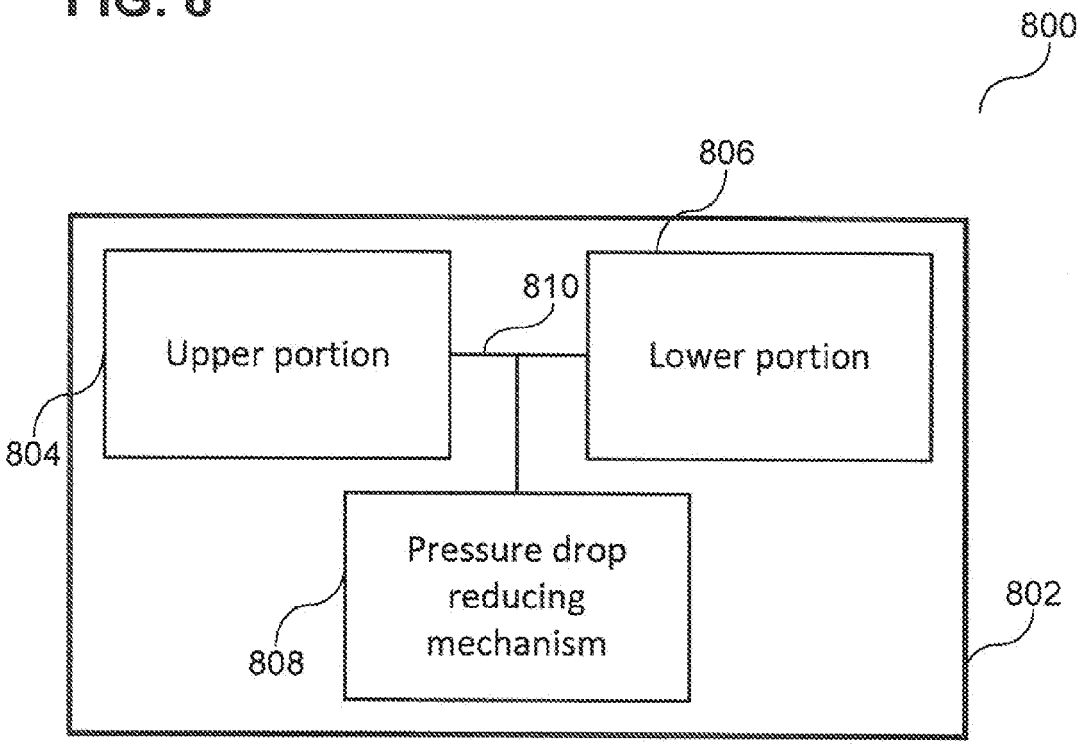
800
806
Upper portion
810
Lower portion
804
Pressure drop reducing mechanism
808
802

FIG. 9

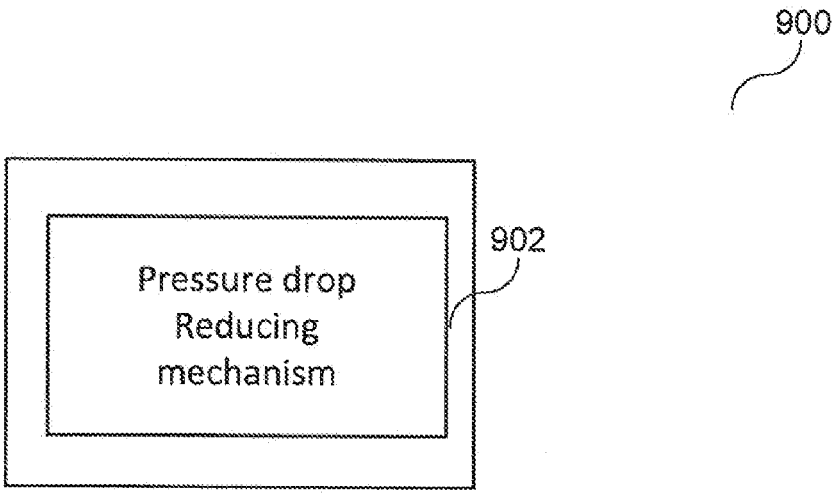
900
902
Pressure drop Reducing mechanism

FIG. 10

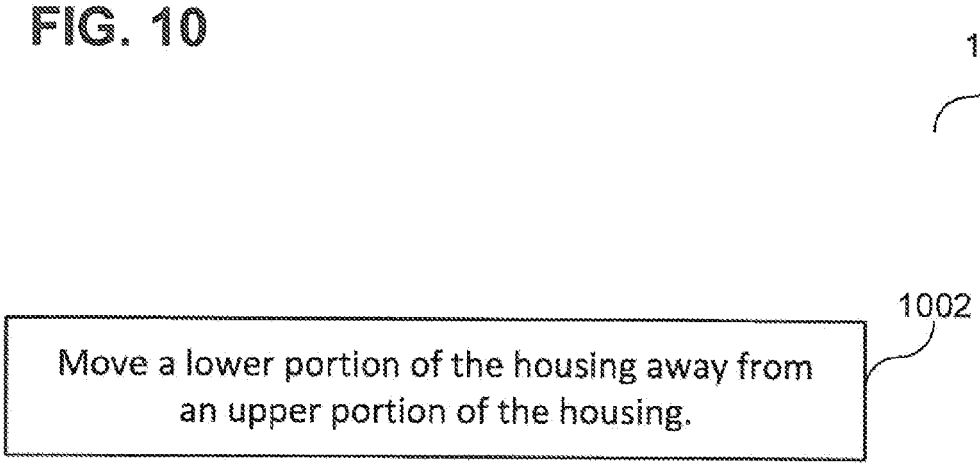
1000
1002
Move a lower portion of the housing away from an upper portion of the housing.

FIG. 11

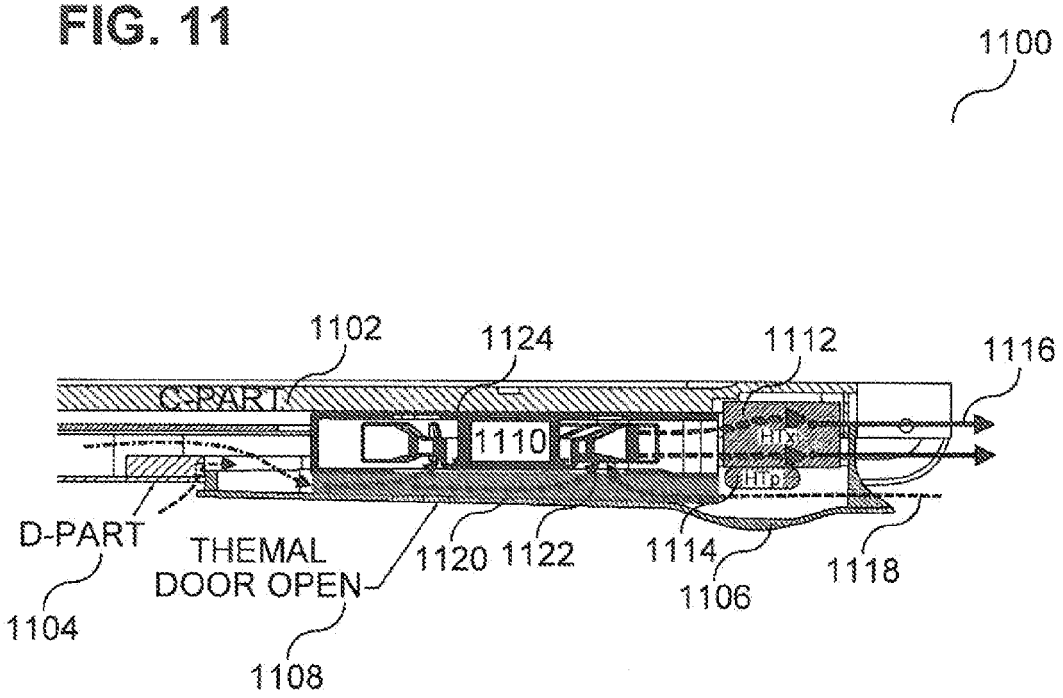
1100
1102
1124
1112
1116
C-PART
1110
HTx
HTp
D-PART
THEMAL
DOOR OPEN
1120
1122
1114
1106
1118
1104
1108

FIG. 12

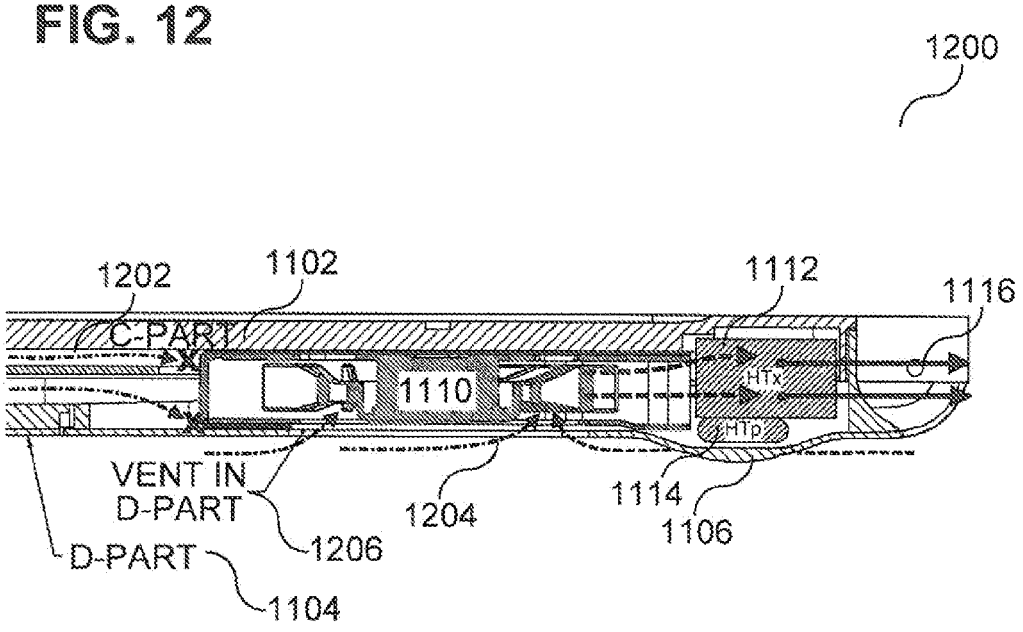
1200
1202
1102
1112
1116
C-PART
1110
HTx
HTp
VENT IN
D-PART
1204
1114
1106
D-PART
1206
1104

FIG. 13

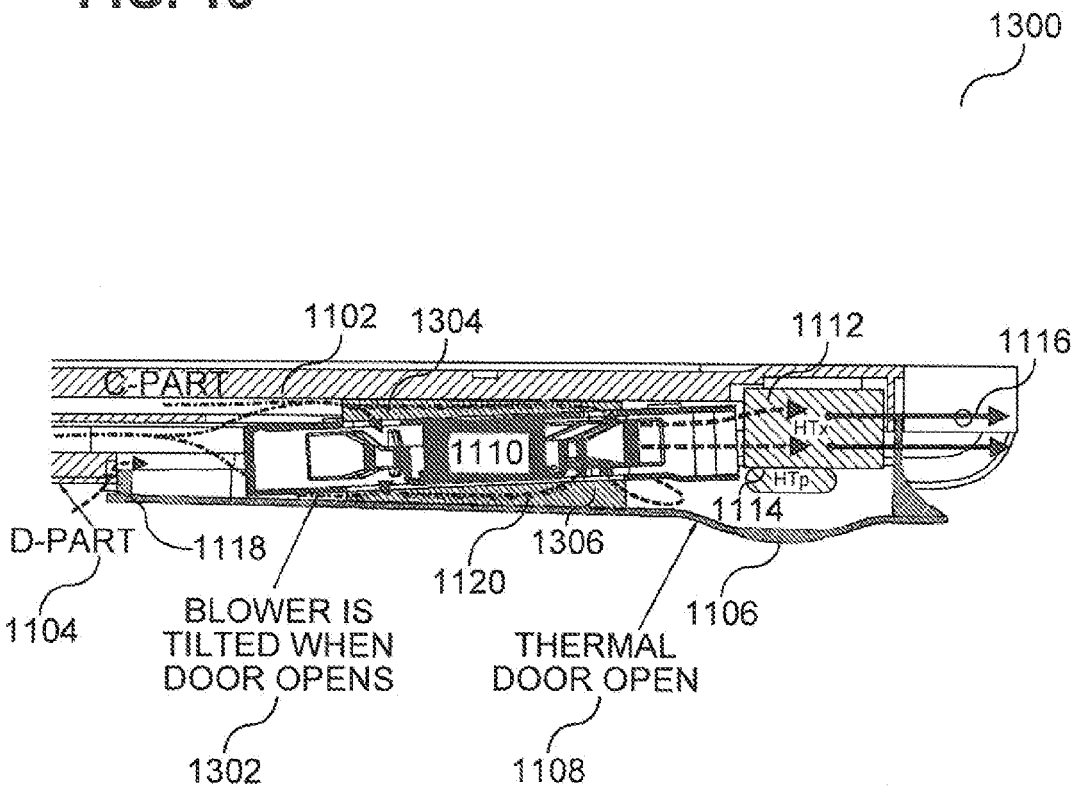
1300
1102
1304
1112
1116
C-PART
1110
HTx
HTp
1114
D-PART
1118
1306
1120
1104
BLOWER IS TILTED WHEN DOOR OPENS
1106
THERMAL DOOR OPEN
1302
1108

FIG. 14

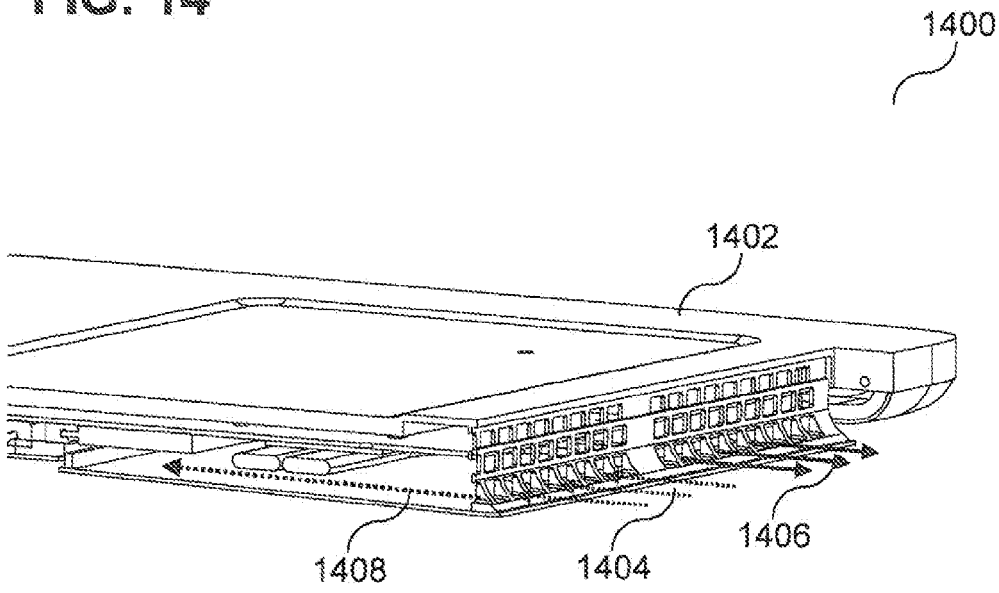
1400
1402
1408
1404
1406

FIG. 15A

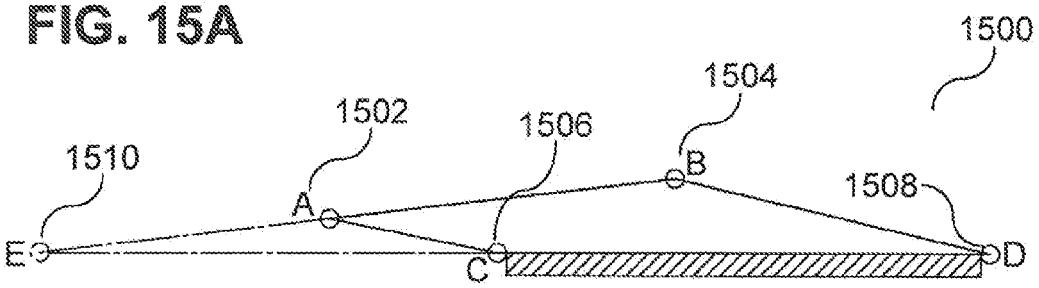

FIG. 15B

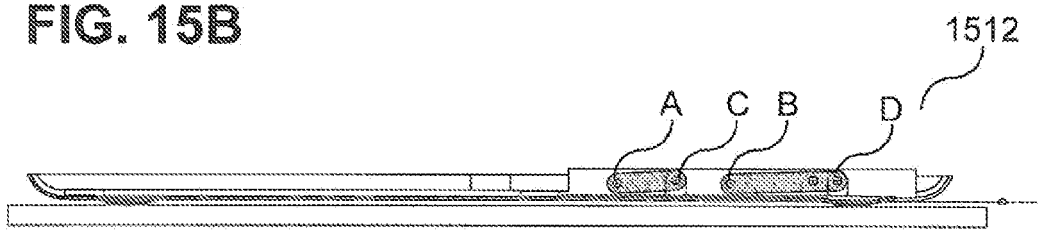

FIG. 15C

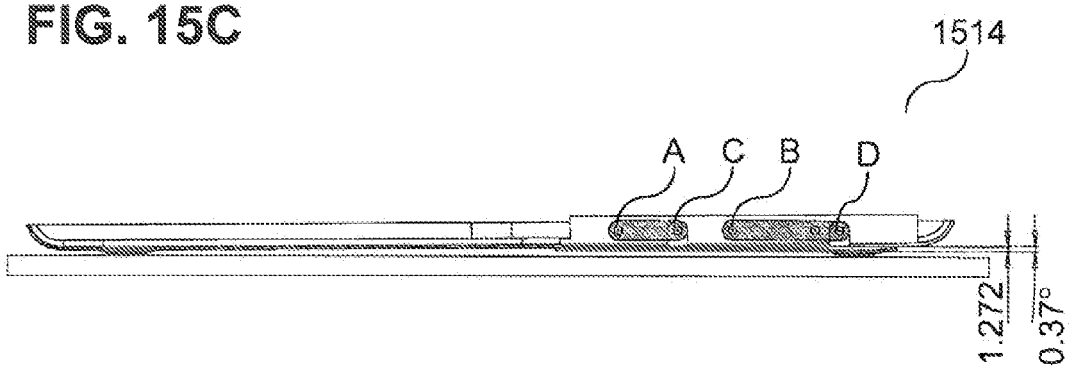

FIG. 15D

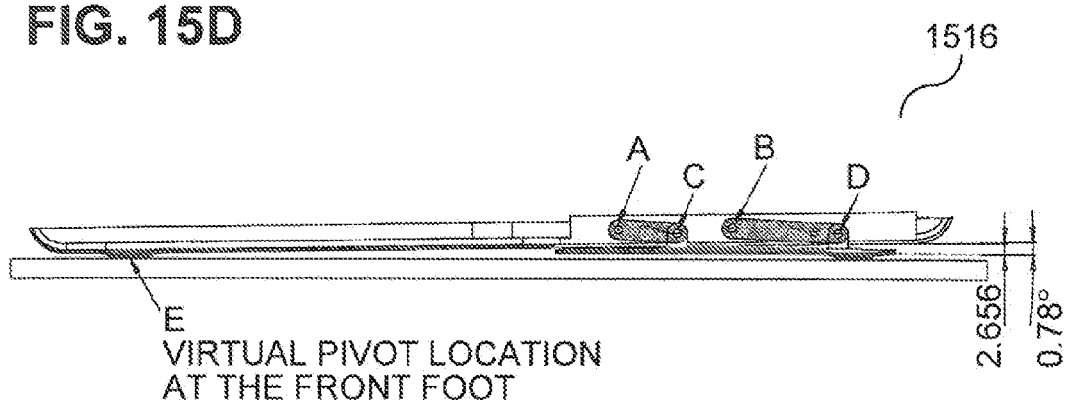

FIG. 15E

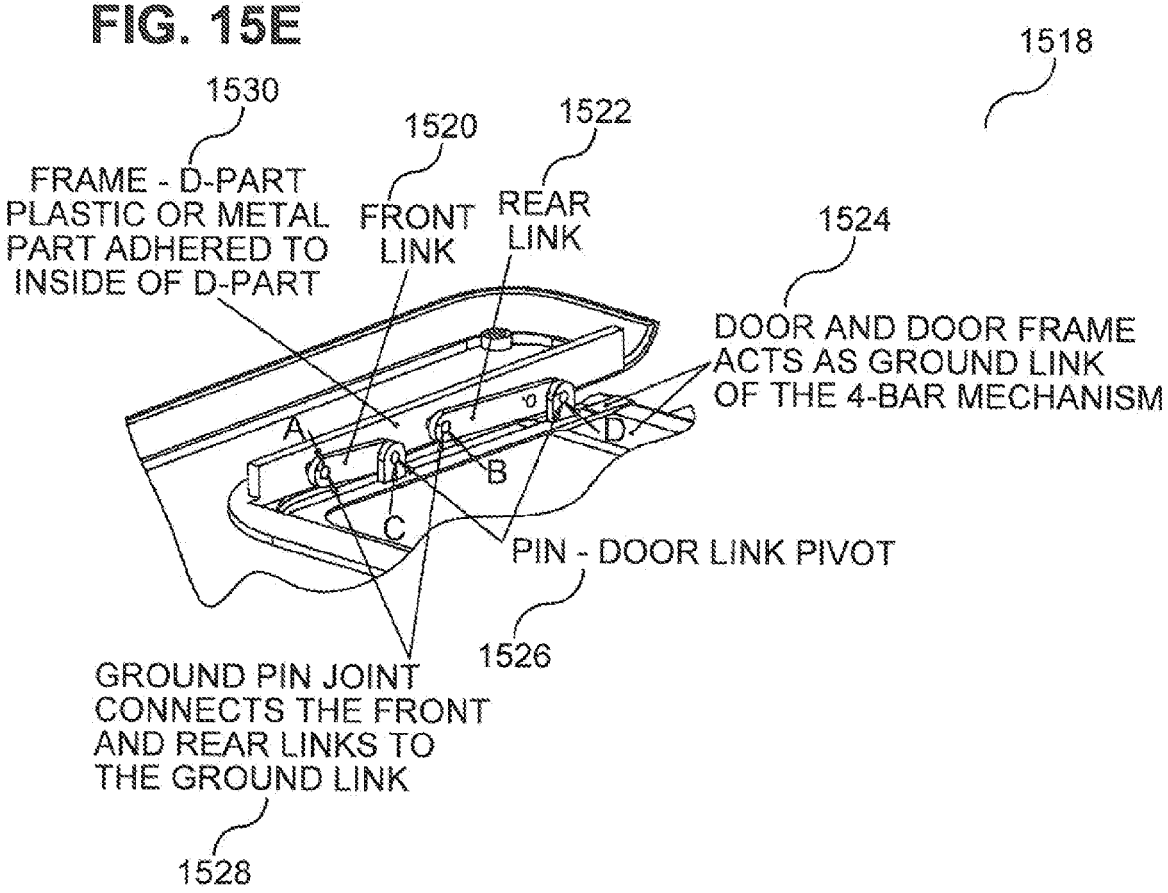

FIG. 16A

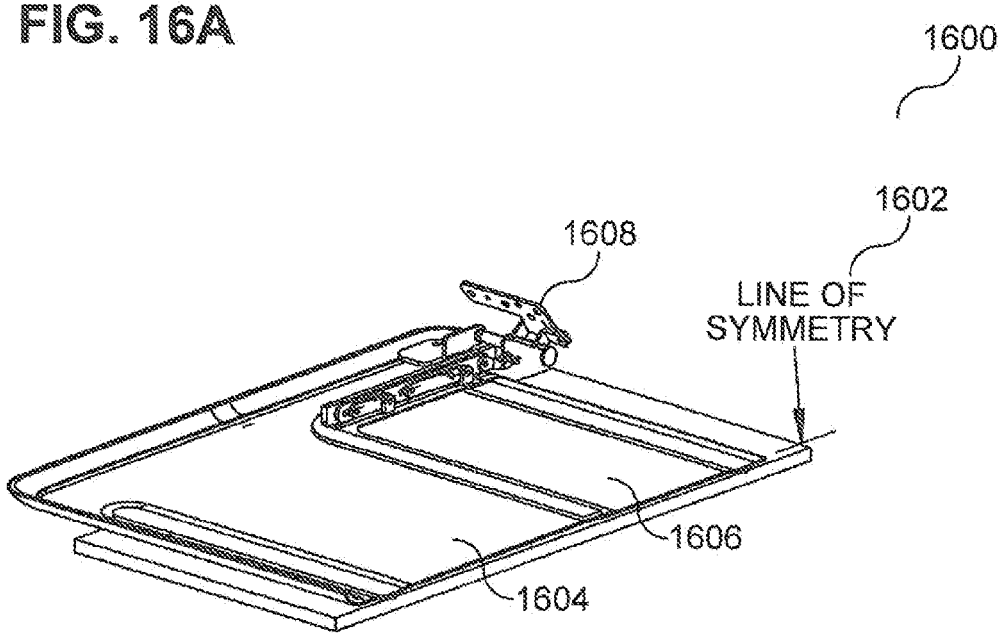

FIG. 16B

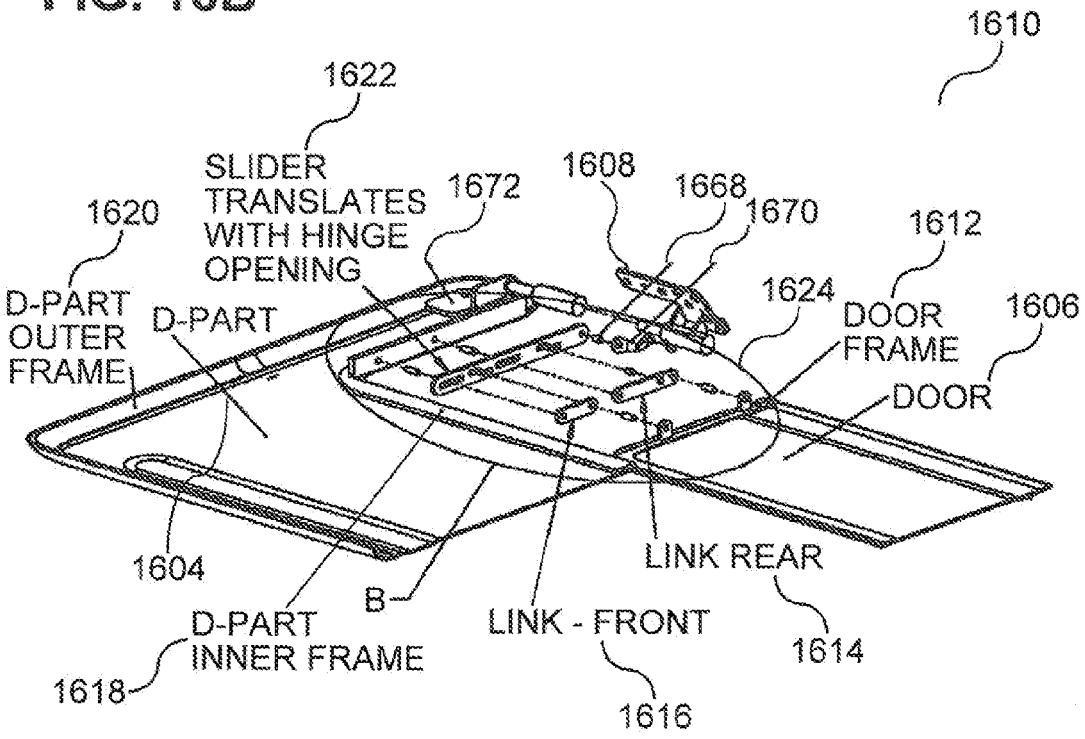

FIG. 16C

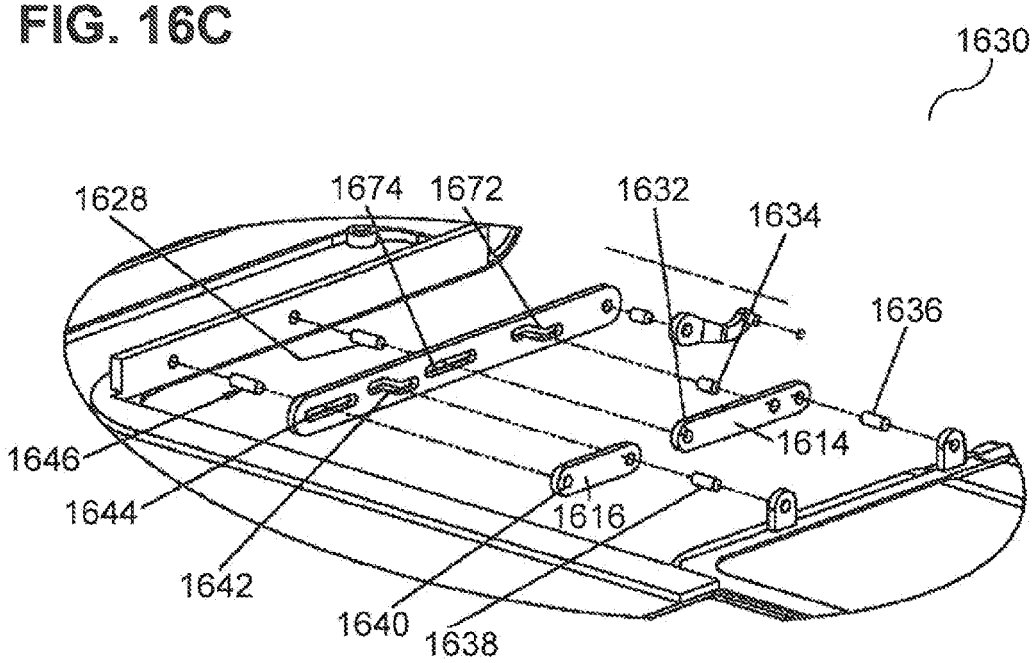

FIG. 16D

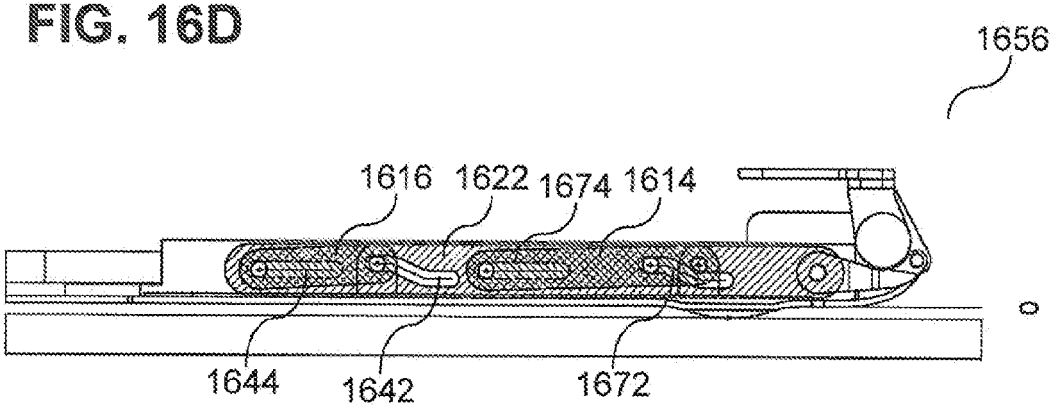

FIG. 16E

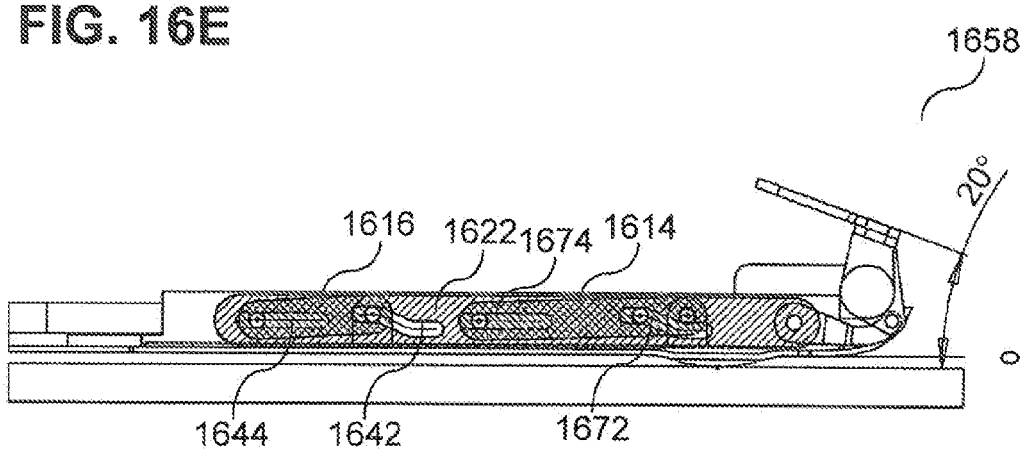

FIG. 16F

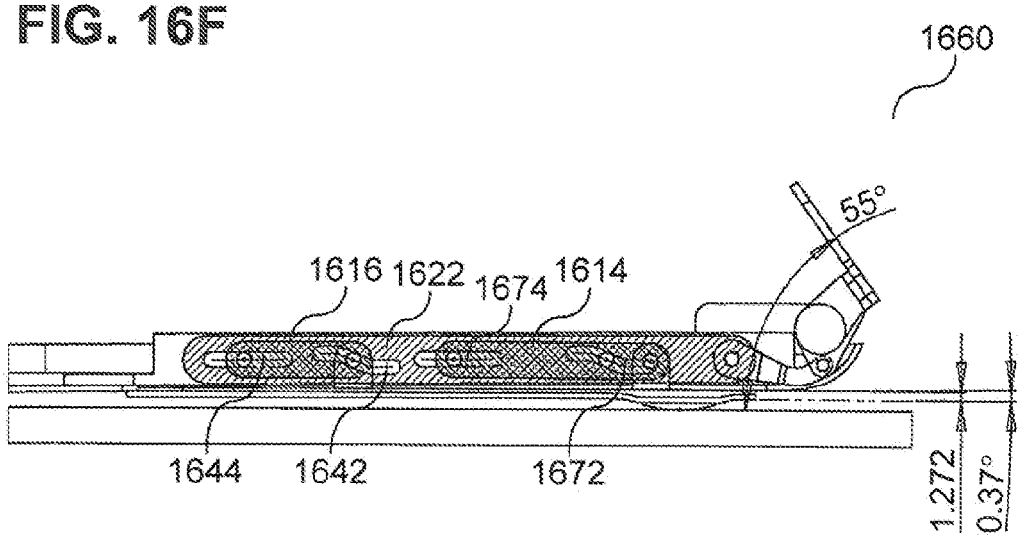

FIG. 16G

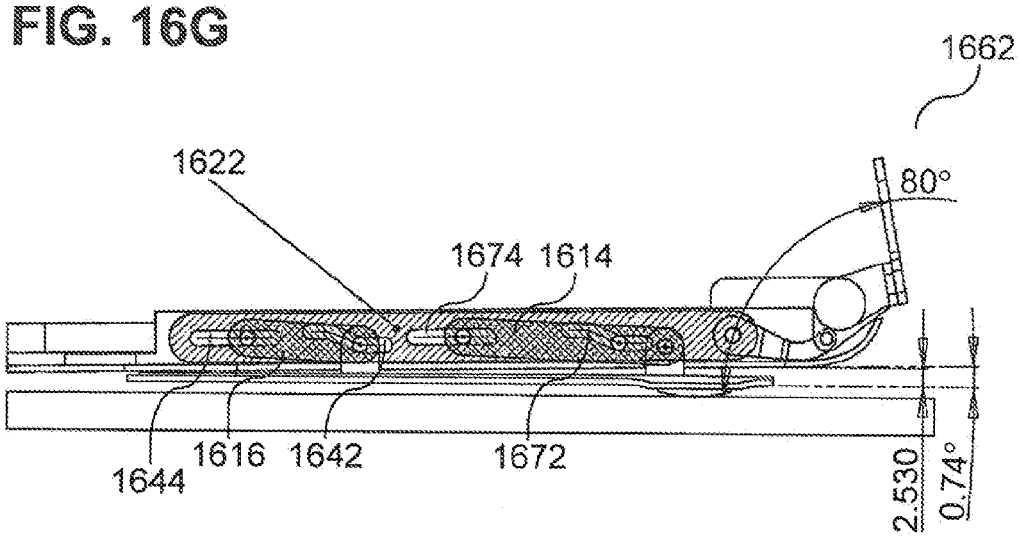

FIG. 16H

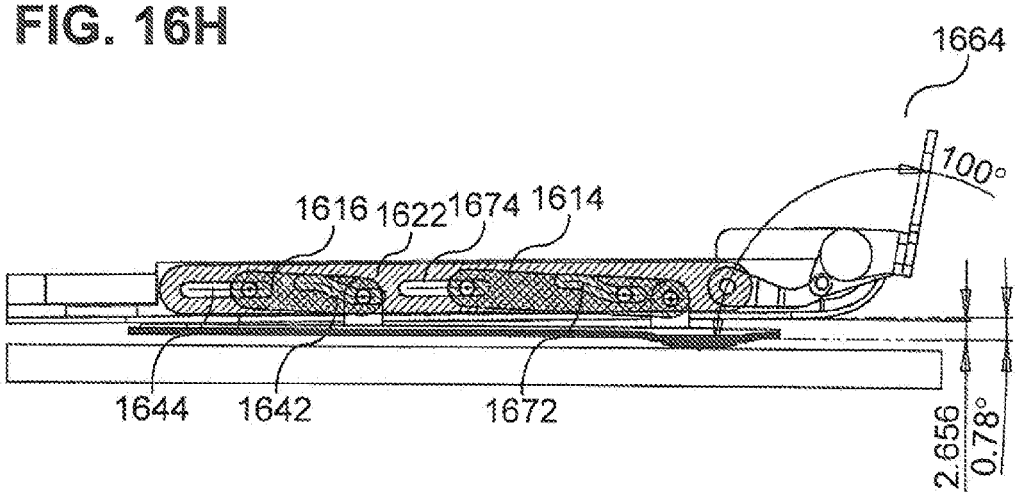

FIG. 16I

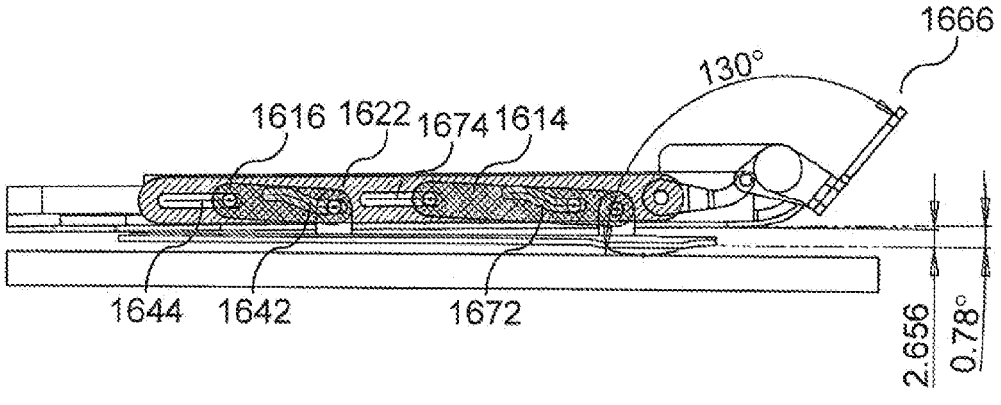

FIG. 17A

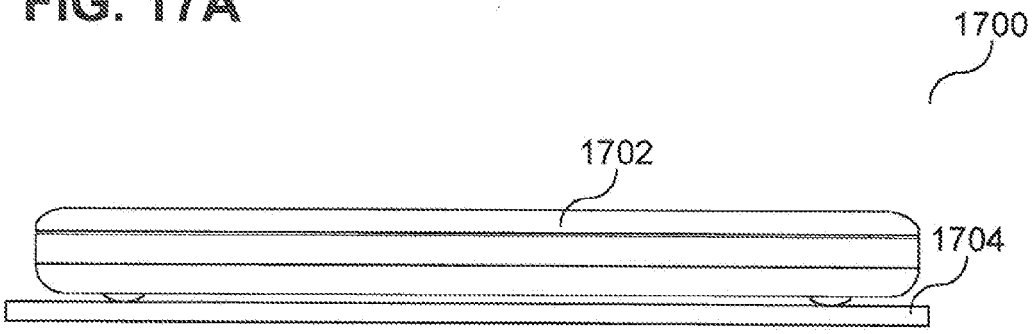

FIG. 17B

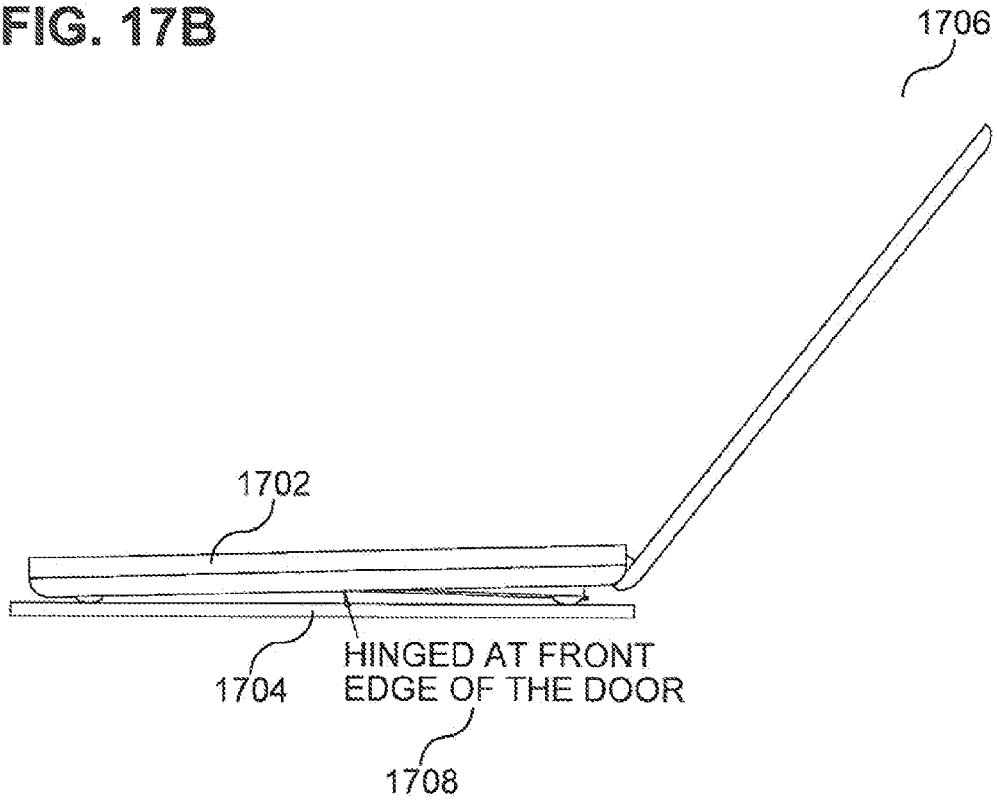

FIG. 17C

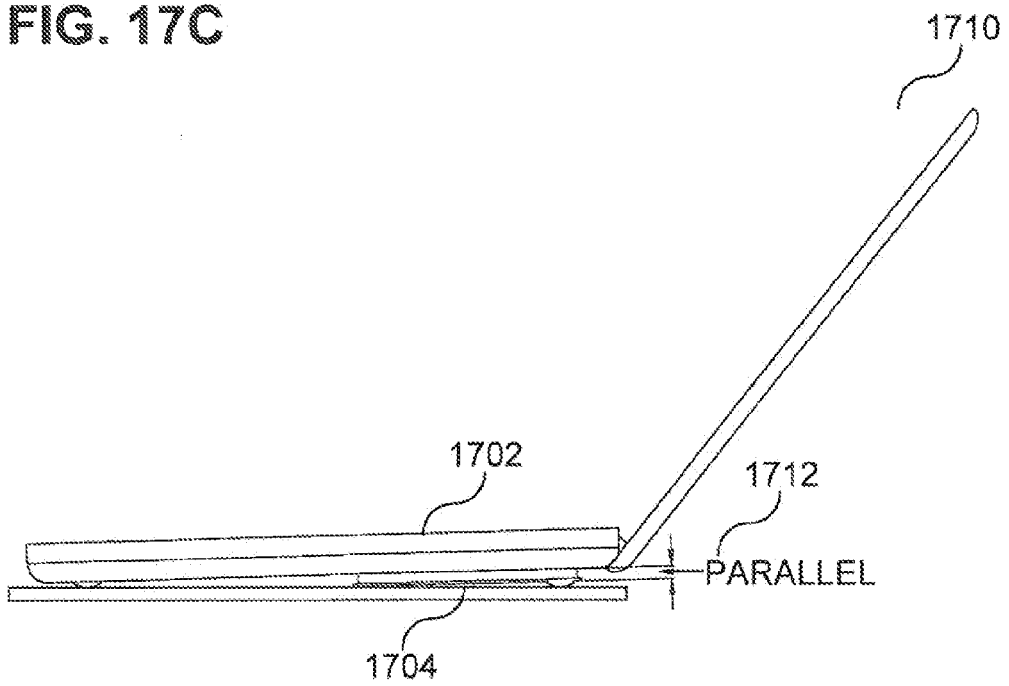
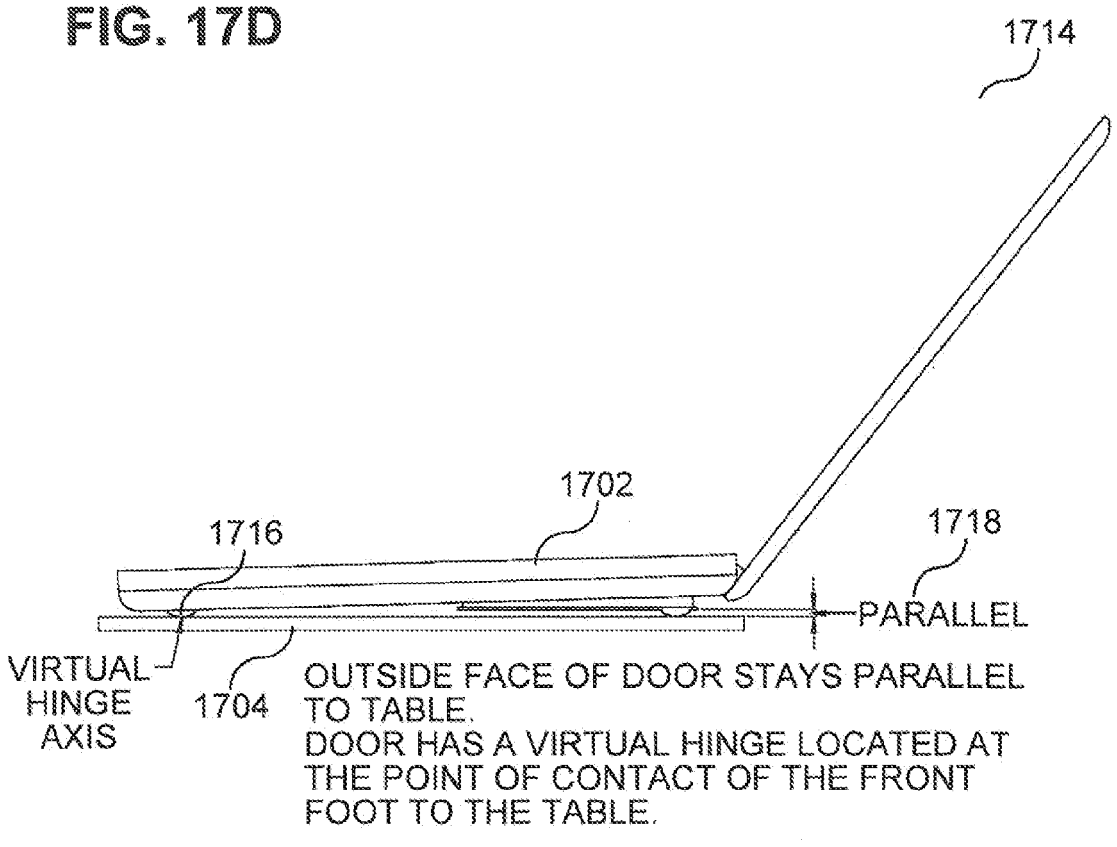
FIG. 17D